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TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT  
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.  
46955.8

JUL 09 2002

In Re Application: Ralf Nagel and Klaus Dybeck

Serial No  
10/089,537

Filing Date  
March 28, 2002

Examiner  
Not Yet Assigned

Group Art Unit  
Not Yet Assigned

Method And Device For Measuring Bulk Material Flows

Payment of Fee

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- A check in the amount of \_\_\_\_\_ is attached.
- The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. 50-1294 as described below. A duplicate copy of this sheet is enclosed.
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Jane D. Roberts

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*Ralf Nagel*  
Signature

REG. NO. 469537

Dated: July 2, 2002

CC:

**TRANSMISSION OF INFORMATION DISCLOSURE STATEMENT**  
**(Under 37 CFR 1.97(b) or 1.97(c))**

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Title:

**Method And Device For Measuring Bulk Material Flows**

Address to:

Assistant Commissioner for Patents  
Washington, D.C. 20231

**37 CFR 1.97(b)**

1.  The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

**37 CFR 1.97(c)**

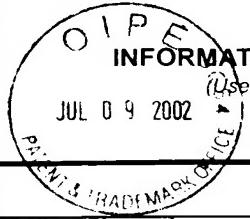
2.  The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:

the statement specified in 37 CFR 1.97(e);

**OR**

the fee set forth in 37 CFR 1.17(p).

 <p><b>INFORMATION DISCLOSURE CITATION</b>  <small>(Use several sheets if necessary)</small></p> <p>JUL 09 2002</p>				Docket Number (Optional) <b>46955.8</b>	Application Number <b>10/089,537</b>			
				Applicant(s) <b>Ralf Nagel and Klaus Dybeck</b>				
				Filing Date <b>6/27/02</b>	Group Art Unit <b>Not Yet Assigned</b>			
<b>U.S. PATENT DOCUMENTS</b>								
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	AA	<b>5002140</b>	<b>3/26/91</b>	<b>Neumuller</b>			<b>5/3/89</b>	
	AB	<b>4976154</b>	<b>12/11/90</b>	<b>Schneider, et al.</b>			<b>8/5/87</b>	
<b>FOREIGN PATENT DOCUMENTS</b>								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
	AC	<b>DE 19745121 A1</b>	<b>13.10.97</b>	<b>Germany *</b>				<input checked="" type="checkbox"/>
	AD	<b>EP 0372037 B1</b>	<b>3.5.89</b>	<b>EPO</b>				
	AE	<b>WO 88/11082</b>	<b>3.5.89</b>	<b>PCT</b>				
	AF	<b>DE PS 4406046</b>	<b>24.2.94</b>	<b>Germany*</b>				<input checked="" type="checkbox"/>
	AG	<b>DE-OS 2950925</b>	<b>18.12.79</b>	<b>Germany*</b>				<input checked="" type="checkbox"/>
<b>* ENGLISH SUMMARY ENCLOSED</b>				OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>				
	AK	<b>M. SAMI A. ABOUELWAFA, ET AL., "The Use Of Capacitance Sensors for Phase Percentage Determination in Multiphase Pipelines", IEEE Transactions on Instrumentation and Measurement, Vol. IM-29, No.1, March 1990</b>						
	AL	<b>JULIUSZ b. GAJEWSKI, ET AL., "How To Measure The Velocity And Mass Flow Rate of A Two-Phase Flow Of Solid Particles In Pipelines", Institute of Heat Engineering and Fluid Mechanics, Technical University of Wroclaw, Poland, Materials Science, Vol. XVI, No. 1-3, pp 113-120</b>						
EXAMINER				DATE CONSIDERED				
<b>EXAMINER:</b> Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								



## **INFORMATION DISCLOSURE CITATION**

(Use several sheets if necessary)

JUL 09 2002

**ATTY DOCKET NO.**

46955.8

SERIAL NO.

10/089,537

**APPLICANTS:** Ralf Nagel and Klaus Dybeck

FILING

March 28, 2002

**GROUP**

## **Not Yet Assigned**

## **U.S. PATENT DOCUMENTS**

## **FOREIGN PATENT DOCUMENTS**

\* ENGLISH SUMMARY OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


**EXAMINER** \_\_\_\_\_ **DATE CONSIDERED** \_\_\_\_\_

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JUL 09 2002

Docket Number (Optional) 46955.8	Application Number 10/089,537
Applicant(s) Ralf Nagel and Klaus Dybeck	
Filing Date March 28, 2002	Group Art Unit Not Yet Assigned

EXAMINER  
INITIALS

**OTHER DOCUMENTS** *(Including Author, Title, Date, Pertinent Pages, Etc.)*

AM JULIUSZ B. GAJEWSKI, ET AL., "An electrostatic flow meter for measuring the two-phase flow parameters in pneumatic transport - results of preliminary tests", Institute of Heat Engineering and Fluid Mechanics, Institute of Electrical Metrology, Technical University of Wroclaw, Poland, Inst. Phys. Conf. Ser. No. 118: Section 3, Paper presented at Electrostatics '91, Oxford, pp. 159-164, 1991 IOP Publishing, Ltd.

AN K. DYBECK, ET AL., "On-line Measurement of the Mass Flow Rate in Hot Circulating Fluidized Beds using Electrostatic Induction Charges", Technische Universität Hamburg-Harburg, Germany, Conference Record of 29th Annual Meeting, IEEE Industrie Application Society, Atlanta, 1994, pp.1682-1688.

AO J.V. CANDY, "Signal Processing. A Model Approach", McGraw Hill, New York, 1988  
 (This book cited as reference, copy not enclosed)

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